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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/627,594	07/26/2003	Chen Xu	Inno-020	2977

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EXAMINER	
SMITHERS, MATTHEW	
ART UNIT	**PAPER NUMBER**
2137	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/12/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/627,594	XU ET AL.	
	Examiner	Art Unit	
	Matthew B. Smithers	2137	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *26 July 2003*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-12* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-12* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *26 July 2003* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-12 are rejected under 35 U.S.C. 102(e) as being anticipated by US 20040034793 granted to Yuan.

Regarding claim 1, Yuan meets the claimed limitations as follows: "A method of establishing a real time streaming media session between a first client with a local area network address and a second client, the method comprising: receiving an invite message from the first client over an internet protocol channel, the invite message including identification of an IP address of the first client; comparing a source IP address extracted from the internet protocol channel to the IP address of the first client; establishing a relay server resource if the IP address extracted from the internet protocol channel does not match the IP address of the first client; and providing identification of the relay server resource to each of the first client and the second client." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

Regarding claim 2, Yuan meets the claimed limitations as follows: "The method of claim 1, wherein the step of establishing a relay server resource comprises: providing a relay server resource request message to a relay server; and receiving a resource message from the relay server that includes identification of the relay server resource." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

Regarding claim 3, Yuan meets the claimed limitations as follows: "The method of claim 2, wherein: the relay server request message is a SIP invite message; the resource message is a SIP redirect message that includes a session description protocol payload that identifies the relay server resource." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

Regarding claim 4, Yuan meets the claimed limitations as follows: "The method of claim 1, wherein the step of providing identification of the relay server resource to the first client comprises including the session description protocol payload that identifies the relay server resource in a SIP OK message addressed to the IP address extracted from the internet protocol channel." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

Regarding claim 5, Yuan meets the claimed limitations as follows: "The method of claim 4, wherein the step of establishing a relay server resource comprises: providing a relay server resource request message to a relay server; and receiving a resource message from the relay server that includes

identification of the relay server resource." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

Regarding claim 6, Yuan meets the claimed limitations as follows: "The method of claim 5, wherein: the relay server request message is a SIP invite message; the resource message is a SIP redirect message that includes a session description protocol payload that identifies the relay server resource." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

Regarding claim 7, Yuan meets the claimed limitations as follows: "A proxy server for establishing a real time streaming media session between a first client with a local area network address and a second client, the method comprising: a network interface for exchanging session messaging with remote devices over an internet protocol network; a session signaling module for receiving an invite message from the first client over a designated internet protocol channel, the invite message including identification of an IP address of the first client; a comparison engine for comparing a source IP address extracted from the internet protocol channel to the IP address of the first client; a relay server resource engine for establishing a relay server resource if the IP address extracted from the internet protocol channel does not match the IP address of the first client; and a messaging module for: generating a an invite message to the second client that includes identification of the relay server resource; and generating a response message to the first client that includes identification of

the relay server resource." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

Regarding claim 8, Yuan meets the claimed limitations as follows: "The proxy server of claim 7, wherein the relay server resource engine establishes a relay server resource by: providing a relay server resource request message to a relay server; and receiving a resource message from the relay server that includes identification of the relay server resource." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

Regarding claim 9, Yuan meets the claimed limitations as follows: "The proxy server of claim 8, wherein: the relay server request message is a SIP invite message; the resource message is a SIP redirect message that includes a session description protocol payload that identifies the relay server resource." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

Regarding claim 10, Yuan meets the claimed limitations as follows: "The proxy server of claim 7, wherein the response message to the first client is addressed to the IP address extracted from the internet protocol channel and comprises including the session description protocol payload that identifies the relay server resource." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

Regarding claim 11, Yuan meets the claimed limitations as follows:

"The proxy server of claim 10, wherein the response message is a SIP OK message." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

Regarding claim 12, Yuan meets the claimed limitations as follows: "The proxy server of claim 10, wherein the invite message to the second client includes the session description protocol payload that identifies the relay server resource." see paragraphs [0042]-[0044], [0052]-[0061], [0070]-[0071] and Figures 1, 2, 4, 5, 6, 7 and 11.

> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-12 are rejected under 35 U.S.C. 102(e) as being anticipated by US 20040255156 granted to Chan et al

Regarding claim 1, Chan meets the claimed limitations as follows: "A method of establishing a real time streaming media session between a first client with a local area network address and a second client, the method comprising: receiving an invite message from the first client over an internet protocol channel, the invite message including identification of an IP address of the first client; comparing a source IP address extracted from the internet protocol channel to the IP address of the first client; establishing a relay server resource if the IP address extracted from the internet protocol channel does not

match the IP address of the first client; and providing identification of the relay server resource to each of the first client and the second client." see paragraphs [0025]-[0042] and Figures 1 and 4.

Regarding claim 2, Chan meets the claimed limitations as follows: "The method of claim 1, wherein the step of establishing a relay server resource comprises: providing a relay server resource request message to a relay server; and receiving a resource message from the relay server that includes identification of the relay server resource." see paragraphs [0025]-[0042] and Figures 1 and 4.

Regarding claim 3, Chan meets the claimed limitations as follows: "The method of claim 2, wherein: the relay server request message is a SIP invite message; the resource message is a SIP redirect message that includes a session description protocol payload that identifies the relay server resource." see paragraphs [0025]-[0042] and Figures 1 and 4.

Regarding claim 4, Chan meets the claimed limitations as follows: "The method of claim 1, wherein the step of providing identification of the relay server resource to the first client comprises including the session description protocol payload that identifies the relay server resource in a SIP OK message addressed to the IP address extracted from the internet protocol channel." see paragraphs [0025]-[0042] and Figures 1 and 4.

Regarding claim 5, Chan meets the claimed limitations as follows: "The method of claim 4, wherein the step of establishing a relay server resource comprises: providing a relay server resource request message to a relay server;

and receiving a resource message from the relay server that includes identification of the relay server resource." see paragraphs [0025]-[0042] and Figures 1 and 4.

Regarding claim 6, Chan meets the claimed limitations as follows: "The method of claim 5, wherein: the relay server request message is a SIP invite message; the resource message is a SIP redirect message that includes a session description protocol payload that identifies the relay server resource." see paragraphs [0025]-[0042] and Figures 1 and 4.

Regarding claim 7, Chan meets the claimed limitations as follows: "A proxy server for establishing a real time streaming media session between a first client with a local area network address and a second client, the method comprising: a network interface for exchanging session messaging with remote devices over an internet protocol network; a session signaling module for receiving an invite message from the first client over a designated internet protocol channel, the invite message including identification of an IP address of the first client; a comparison engine for comparing a source IP address extracted from the internet protocol channel to the IP address of the first client; a relay server resource engine for establishing a relay server resource if the IP address extracted from the internet protocol channel does not match the IP address of the first client; and a messaging module for: generating a an invite message to the second client that includes identification of the relay server resource; and generating a response message to the first client that includes identification of the relay server resource." see paragraphs [0025]-[0042] and Figures 1 and 4.

Regarding claim 8, Chan meets the claimed limitations as follows: "The proxy server of claim 7, wherein the relay server resource engine establishes a relay server resource by: providing a relay server resource request message to a relay server; and receiving a resource message from the relay server that includes identification of the relay server resource." see paragraphs [0025]-[0042] and Figures 1 and 4.

Regarding claim 9, Chan meets the claimed limitations as follows: "The proxy server of claim 8, wherein: the relay server request message is a SIP invite message; the resource message is a SIP redirect message that includes a session description protocol payload that identifies the relay server resource." see paragraphs [0025]-[0042] and Figures 1 and 4.

Regarding claim 10, Chan meets the claimed limitations as follows: "The proxy server of claim 7, wherein the response message to the first client is addressed to the IP address extracted from the internet protocol channel and comprises including the session description protocol payload that identifies the relay server resource." see paragraphs [0025]-[0042] and Figures 1 and 4.

Regarding claim 11, Chan meets the claimed limitations as follows: "The proxy server of claim 10, wherein the response message is a SIP OK message." see paragraphs [0025]-[0042] and Figures 1 and 4.

Regarding claim 12, Chan meets the claimed limitations as follows: "The proxy server of claim 10, wherein the invite message to the second client includes the session description protocol payload that identifies the relay server resource." see paragraphs [0025]-[0042] and Figures 1 and 4.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

A. Maher, III et al. (US 20040128554) discloses a method for allowing traffic through firewalls in a peer-to-peer network.

A. Xu et al. (US 20020114333) discloses a system for sending real time streaming media frames across a network.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew B. Smithers whose telephone number is (571) 272-3876. The examiner can normally be reached on Monday-Friday (8:00-4:30) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel L. Moise can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Matthew B Smithers
Primary Examiner
Art Unit 2137